



# **COMMONWEALTH of VIRGINIA**

Molly Joseph Ward  
Secretary of Natural Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY  
Blue Ridge Regional Office  
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October 13, 2016

Ms. Susan M. Adams  
Appomattox County Administrator  
P.O. Box 863  
Appomattox, Virginia 24522

## **NO DEFICIENCY LETTER**

Re: Appomattox Co. Closed Sanitary Landfill – SWP086  
Announced Compliance Inspection – September 9, 2016

Dear Ms. Adams:

On September 9, 2016, staff from the Virginia Department of Environmental Quality's Blue Ridge Regional Office conducted an inspection of the solid waste management facility operating under SWP086. During this inspection, the facility was evaluated for compliance with the Virginia Waste Management Act, Virginia Solid Waste Management Regulations (VSWMR, 9VAC20-81-10, et seq) and the permit.

During the inspection, no apparent violations of your SWP, or the VSWMR, were observed. A copy of the inspection checklist is enclosed.

If you have any questions, please contact me at (434) 582 - 6226 or [Douglas.Foran@deq.virginia.gov](mailto:Douglas.Foran@deq.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Doug Foran".

Doug Foran  
Solid Waste Inspector

cc: Alice Rockefeller, Landfill Supervisor, [alice.rockefeller@appomattoxcountyva.gov](mailto:alice.rockefeller@appomattoxcountyva.gov)  
DEQ ECM Solid Waste Files



## Compliance Inspection Report

### Inspection Summary

**Facility:** Appomattox County Landfill 86  
**Permit:** SWP086  
**Region:** Blue Ridge  
**Inspection Type:** Compliance Evaluation Inspection  
**Facility Staff:** Alice Rockefeller, Appomattox Co. Landfill Supervisor  
 Carey McCleese, Appomattox Co. Landfill Staff  
**Inspector:** Douglas Foran  
**Inspection Date:** 9/9/2016  
**Approximate Arrival Time:** 8:50 am  
**Inspection Method:** Announced  
**Exit Interview:** Yes  
**Weather Conditions:** Sunny, Daytime high 84 F  
**Comments:** The first inspection checklist on this report covers Cell I and the Animal Burial Area as well as shared record keeping and facility appurtenances with Cells D, E, F, and G.

The second checklist specifies compliance for the shared facility features noted above and addresses any unique features of Cells D, E, F, and G.

Departed LF site at 11:15 am

### Sanitary Landfill (Post-Closure)

Reference	Description	SL	Result
<b>Compliance Area: Operator Information</b>			
10.1-1408.1	Disclosure Statement	I	✓
<b>Compliance Area: Recordkeeping, Reporting &amp; Permit</b>			
20-81-100.B	Compliance with the facility's permit	II	✓
20-81-530	Permittee recordkeeping and reporting	II	✓
<b>Compliance Area: Design, Construction &amp; Operation</b>			
20-81-140.A.6	Pollutant discharge	III	✓
<b>Compliance Area: Closure &amp; Post-Closure Care</b>			
20-81-160	Closure requirements	II	
20-81-170	Post-closure care requirements	II	✓
<b>Compliance Area: Decomposition Gas Control</b>			
20-81-200.A,B,E	Decomposition gas concentrations, monitoring & recordkeeping	II	✓
20-81-200.C	Decomposition gas-remediation	III	✓
20-81-200.D	Decomposition gas-odor management	I	
<b>Compliance Area: Leachate Control</b>			
20-81-210	Leachate control	II	✓
<b>Compliance Area: Groundwater Monitoring</b>			
20-81-250	Groundwater monitoring program	II	✓
20-81-260	Corrective action program	II	
<b>Compliance Area: Landfill Mining</b>			
20-81-385 & 395	Landfill Mining	II	

SL = Severity Level    ✓ = In Compliance    X = Alleged Violation    N/A = Not Applicable    Blank = Not Inspected

### General Comments

Reference	Comments
10.1-1408.1	Disclosure Statement - An updated disclosure statement was received on January 13, 2016. The update lists key personnel as Samuel E. Carter, Sara E. Carter, William H. Hogan, Chad E. Millner, Bryan A. Moody, Susan M. Adams, and Alice Rockefeller.
20-81-100.B	Compliance with the facility's permit - On April 29, 2016, Minor Permit Modification No. 11 was approved. The minor amendment revised the Gas Remediation Plan to include adding active gas extraction wells and passive gas wells that have been converted to active wells, in addition to modifying the Groundwater Monitoring Plan to add groundwater monitoring well



	MW-10 to the Cell I groundwater monitoring network as a downgradient monitoring point to the facility's leachate pond.
20-81-530	<p>Permittee recordkeeping and reporting - Facility records were up to date and available for review at the time of the inspection.</p> <p>No conditions were reported since the previous inspection requiring 24 hour verbal or 5 day written notification.</p>
20-81-140.A.6	Pollutant discharge - No leachate or solid waste was observed draining to or being deposited in surface waters or wetlands at the facility as described under subsections 140.A.6.a through 140.A.6.d.
20-81-170	<p>Post-closure care requirements - Monthly and quarterly site inspections were conducted. Records of the site inspections were provided for review and were complete. Records were reviewed for the period from August 11, 2015 to July 15, 2015.</p> <p>Mowing of all the waste cells had been conducted. All slopes on Cell I and the Animal Burial Area were vegetated with no indication of erosion. No indications of excessive settling or slope subsidence were found.</p> <p>Stormwater ditch lines and other stormwater controls were in place with no issues observed.</p>
20-81-200.A,B,E	<p>Decomposition gas concentrations, monitoring &amp; recordkeeping - 200. A. Quarterly gas monitoring events were conducted on October 26, 2015, January 30, 2016, April 18, 2016 and July 15, 2016. During the monitoring events gas boundary probes 1-9, the scale house, baler buildings, EMT office, shop, old recycle building and administration office were monitored. No exceedances of the lower explosive limit (LEL) or levels reaching the 80% action level for methane were reported at the facility boundary or 25% in the facility structures.</p> <p>200. C. The facility has nine gas monitoring probes, which are located along the northwest/southwest property line. Cell I and the Animal Burial Area and Cells D, E, F, and G share the gas monitoring network. All gas probes and extraction probes were observed and appeared to be in good condition. The concrete apron pad for GP-1, near the front gate, was found to be loose in the ground. The facility should stabilize or replace the pad for GP-1.</p> <p>The active gas extraction system blower system was observed. The flare system was secured and was operational. Gas extraction wells were in good repair.</p> <p>200. E. The quarterly landfill gas monitoring records were available for review at the facility's office. All information was complete.</p>
20-81-210	<p>Leachate control - The level of the leachate pond was 4.0 feet during the inspection.</p> <p>No leachate seeps or outbreaks were observed during the inspection.</p>
20-81-250	Groundwater monitoring program - The groundwater monitoring well network for Cell I includes upgradient well MW-3B and downgradient wells MW-7, MW-8, MW-9A. MW-10 was added to the network as part of Minor Permit Amendment No. 11. All wells were found to be stable, identified and equipped with a lock.

### Sanitary Landfill (Post-Closure)

Reference	Description	SL	Result
<b>Compliance Area: Operator Information</b>			
10.1-1408.1	Disclosure Statement	I	✓
<b>Compliance Area: Recordkeeping, Reporting &amp; Permit</b>			
20-81-100.B	Compliance with the facility's permit	II	✓
20-81-530	Permittee recordkeeping and reporting	II	✓
<b>Compliance Area: Design, Construction &amp; Operation</b>			
20-81-140.A.6	Pollutant discharge	III	✓
<b>Compliance Area: Closure &amp; Post-Closure Care</b>			
20-81-160	Closure requirements	II	
20-81-170	Post-closure care requirements	II	✓
<b>Compliance Area: Decomposition Gas Control</b>			
20-81-200.A,B,E	Decomposition gas concentrations, monitoring & recordkeeping	II	✓
20-81-200.C	Decomposition gas-remediation	III	✓
20-81-200.D	Decomposition gas-odor management	I	
<b>Compliance Area: Leachate Control</b>			
20-81-210	Leachate control	II	✓
<b>Compliance Area: Groundwater Monitoring</b>			
20-81-250	Groundwater monitoring program	II	N/A
20-81-260	Corrective action program	II	
<b>Compliance Area: Landfill Mining</b>			

20-81-385 & 395	Landfill Mining	II	N/A
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SL = Severity Level      ✓ = In Compliance      X = Alleged Violation      N/A = Not Applicable      Blank = Not Inspected

### General Comments

Reference	Comments
20-81-170	Post-closure care requirements - Monthly and quarterly site inspections were conducted. Records of the site inspections were provided for review and were complete. Records were reviewed for the period from August 11, 2015 to July 15, 2015. Mowing of all the waste cells had been conducted. All slopes on cells D, E, F, and G were fully vegetated with no indication of erosion. No indications of excessive settling or slope subsidence were found. Stormwater ditch lines and other stormwater controls were in place with no issues observed.
20-81-210	Leachate control - No leachate seeps or outbreaks were observed during the inspection.
20-81-250	Groundwater monitoring program - Termination of post-closure care for groundwater monitoring for Cells A-G was approved by DEQ on December 23, 2014.

### Disclosure Statement Details

Key Personnel	Title
Alice Rockefeller	Landfill Supervisor
Bryan A. Moody	County Board of Supervisors
Chad E. Miller	County Board of Supervisors
Samuel E. Carter	County Board of Supervisor
Sara E. Carter	County Board of Supervisors
Susan M. Adams	County Administrator
William H. Hogan	County Board of Supervisors

### Waste Management Facility Operators

Licensed Operator	License #	Expiration Date
Alice Rockefeller	4605 002013	4/30/2012

PLEASE advise the Regional Office within 10 calendar days if any information noted in this report is incorrect, if you have taken appropriate action to meet compliance, or if there is other information that the department should consider regarding any alleged violations.

PLEASE be advised that this report is not an agency proceeding or determination which may be considered a case decision under the Administrative Process Act (VA Code 2.2-4000 et seq). If informal discussions do not lead to a satisfactory conclusion on the contents of this report, you may request in writing that DEQ take all necessary steps to issue a final decision or fact finding under the APA on whether or not a violation has occurred.